

Test Report

No. SHAEC2003027401

Date: 19 Mar 2020

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JIANGSU RUIMEIFU NEW MATERIAL CO.,LTD

Jienan Village; Jiepai Town; Danyang City Jiangsu Province; CHINA

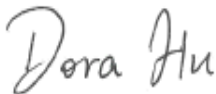
The following sample(s) was/were submitted and identified on behalf of the clients as : PA6

SGS Job No. : SP20-004534 - SH
 Client Ref. Information : MF200; MF220; MF300; M1013B; M1013I; M1013R; MF500; MF5003; MF700; MF800; MF3000; MF3200; MF3300; MF3400; MF3600; MF3800; MF3900; MF4000; MF400XG; MF700XG
 Date of Sample Received : 12 Mar 2020
 Testing Period : 12 Mar 2020 - 18 Mar 2020
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).

Result Summary :

| Test Requested | Conclusion |
|--|------------|
| FDA 21 CFR 177.1500–Maximum extractable fraction | PASS |
| FDA 21 CFR 177.1500–Specific gravity at 23°C | PASS |
| FDA 21 CFR 177.1500–Melting point | PASS |
| FDA 21 CFR 177.1500–Solubility in boiling 4.2N HCl | PASS |

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Dora Hu
 Approved Signatory



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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description | Material (claimed by the client) |
|--------------|------------------|---------------|-------------------------------------|
| SN1 | SHA20-030274.001 | White granule | PA6 |

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

FDA 21 CFR 177.1500–Maximum extractable fraction

Test Method : With reference to FDA 21 CFR 177.1500

| <u>Simulant Used</u> | <u>Max. Permissible Limit</u> | <u>Result of 001</u> | <u>Conclusion</u> |
|---|-----------------------------------|----------------------|-------------------|
| Maximum extractable fraction in water, W/W% | 1.0 | 0.12 | PASS |
| Maximum extractable fraction in 95% ethyl alcohol, W/W% | 2.0 | 0.17 | PASS |
| Maximum extractable fraction in ethyl acetate, W/W% | 1.0 | <0.05 | PASS |
| Maximum extractable fraction in benzene, W/W% | 1.0 | <0.05 | PASS |

FDA 21 CFR 177.1500–Specific gravity at 23°C

Test Method : With reference to FDA 21 CFR 177.1500

| <u>Test Item(s)</u> | <u>Limit</u> | <u>001</u> |
|--|--------------|-------------|
| Specific gravity at 23°C,g/cm ³ | 1.135-1.165 | 1.144 |
| Conclusion | | PASS |



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FDA 21 CFR 177.1500–Melting point

Test Method : With reference to FDA 21 CFR 177.1500

| <u>Test Item(s)</u> | <u>Limit</u> | <u>001</u> |
|---------------------|--------------|-------------|
| Melting point(°F)* | 392-446 | 406 |
| Conclusion | | PASS |

Notes :

(1) *These tests were subcontracted to SGS-NB CHEMICAL LAB.

FDA 21 CFR 177.1500–Solubility in boiling 4.2N HCl

Test Method : With reference to FDA 21 CFR 177.1500

| <u>Test Item(s)</u> | <u>Limit</u> | <u>001</u> |
|--------------------------------|--------------|-------------|
| Solubility in boiling 4.2N HCl | ★ | Dissolved |
| Conclusion | | PASS |

Notes :

★=Dissolves in 1 hour



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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